



NOAA Coastal Habitat Restoration

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Outline



- Purpose
- Issue
- Presentation of Briefing
- NOAA Coordination and Views
- Desired Outcome



Purpose

- *To respond to the SAB Report:
Restoration of Coastal Habitats: An
Evaluation of NOAA's Current and
Potential Role*



Issue



Response to recommendations grouped by three themes:

1. Restoration for Fisheries and Non-Fisheries Objectives (recommendations 2 - 6)
2. Availability of monitoring and evaluation information to the public (recommendations 1 and 7)
3. Leveraging our capabilities to maximize our impact on the field of coastal restoration (recommendations 8 - 10)



Restoration for Fisheries & Non-Fisheries Objectives



- *SAB Report Recommendations 2, 3, 4, 5, 6*
 - *recognizing mandates beyond fisheries*
 - *ROI analysis*
 - *scaling of projects to objectives*
 - *restoration center(s) of excellence*
 - *measuring benefits beyond fisheries*



Habitat Conservation: A Cross-NOAA Mission



- NOAA's Objective—
Healthy habitats that sustain resilient and thriving marine communities and resources
- We protect and restore habitat for:
 - Resilient coastal communities and economies
 - Sustainable and productive fisheries
 - Threatened and endangered species
 - Protected coastal and marine areas and habitats at risk
 - Coastal and ocean tourism, recreation, and access





Many Mandates Drive NOAA's Investment in Habitat



- Magnuson-Stevens Act (MSRA)
- Endangered Species Act (ESA)
- Coastal Zone Management Act (CZMA)
- National Marine Sanctuaries Act (NMSA)
- Coral Reef Conservation Act (CRCA)
- Oil Pollution Act (OPA)
- Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)
- Marine Debris Research, Prevention and Reduction Act (MDRPRA)
- Estuary Restoration Act (ERA)
- Coastal Wetlands Planning, Protection and Restoration Act (CWPPRA)
- Fish and Wildlife Coordination Act (FWCA)



NOAA's Strategy: The Habitat Blueprint



- A framework for integration
- Guiding Principles are the foundation
 - Prioritize resources and activities across NOAA
 - Make decisions in an ecosystem context
 - Foster and leverage partnerships
 - Improve delivery of habitat science

California's Russian River watershed

NOAA's First Habitat Focus Area





Objectives: Russian River Habitat Focus Area



- Rebuilding endangered Coho and threatened Chinook and steelhead stocks
- Improving frost, rainfall, and river forecasts
- Increasing community resiliency to flooding damage

www.noaa.gov/habitatblueprint.html



Russian River Habitat Focus Area



**Office of
Atmospheric
Research (OAR)**



**Climate
Adaptation
and Mitigation**

*An informed society
anticipating and
responding to climate
and its impacts*

**National
Weather Service
(NWS)**



**Weather
Ready Nation**

*Society is prepared
for and responds to
weather-related
events*

**National Marine
Fisheries Service
(NMFS)**



**Healthy Habitats
and Fisheries**

*Marine fisheries,
habitats,
and biodiversity
sustained within
healthy and productive
ecosystems*

**National Ocean
Service (NOS)**



**Resilient Coastal
Communities and
Economies**

*Coastal and Great Lakes
communities that are
environmentally and
economically
sustainable*

**Program Planning
and
Integration (PPI)**



**Social Science
and Strategy**

*Strategic planning,
social and economic
impacts,
stakeholders and
environmental
policy*



AVAILABILITY OF MONITORING AND EVALUATION INFORMATION



SAB Report Recommendations 1, 7

- *tracking and availability of existing measures in Restoration Atlas*
- *making more data available to public*



NOAA

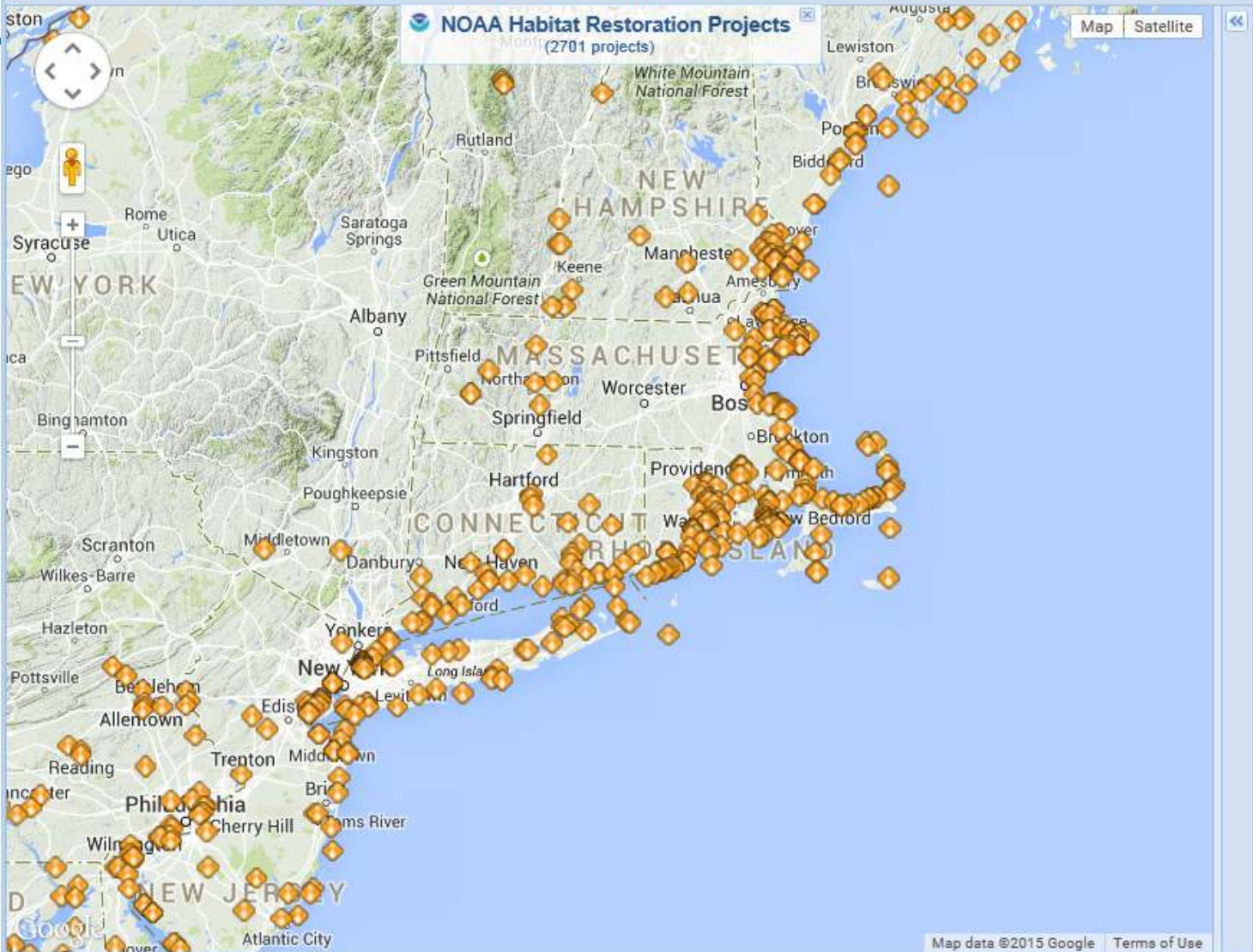
NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION
UNITED STATES DEPARTMENT OF COMMERCE

» Restoration Atlas



Data Tools Map Options About the Data Zoom back to full extent

v1.2.1 - Updated 11/08/13



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Leveraging our Capabilities to Maximize our Impact on Coastal Restoration



SAB Report Recommendations 8, 9, 10

- *leveraging funds for multiple benefits*
- *formally recognizing restoration technical expertise to direct use of non-appropriated funds*
- *highlighting NOAA role with agency partners*



NOAA HABITAT CONSERVATION TEAM



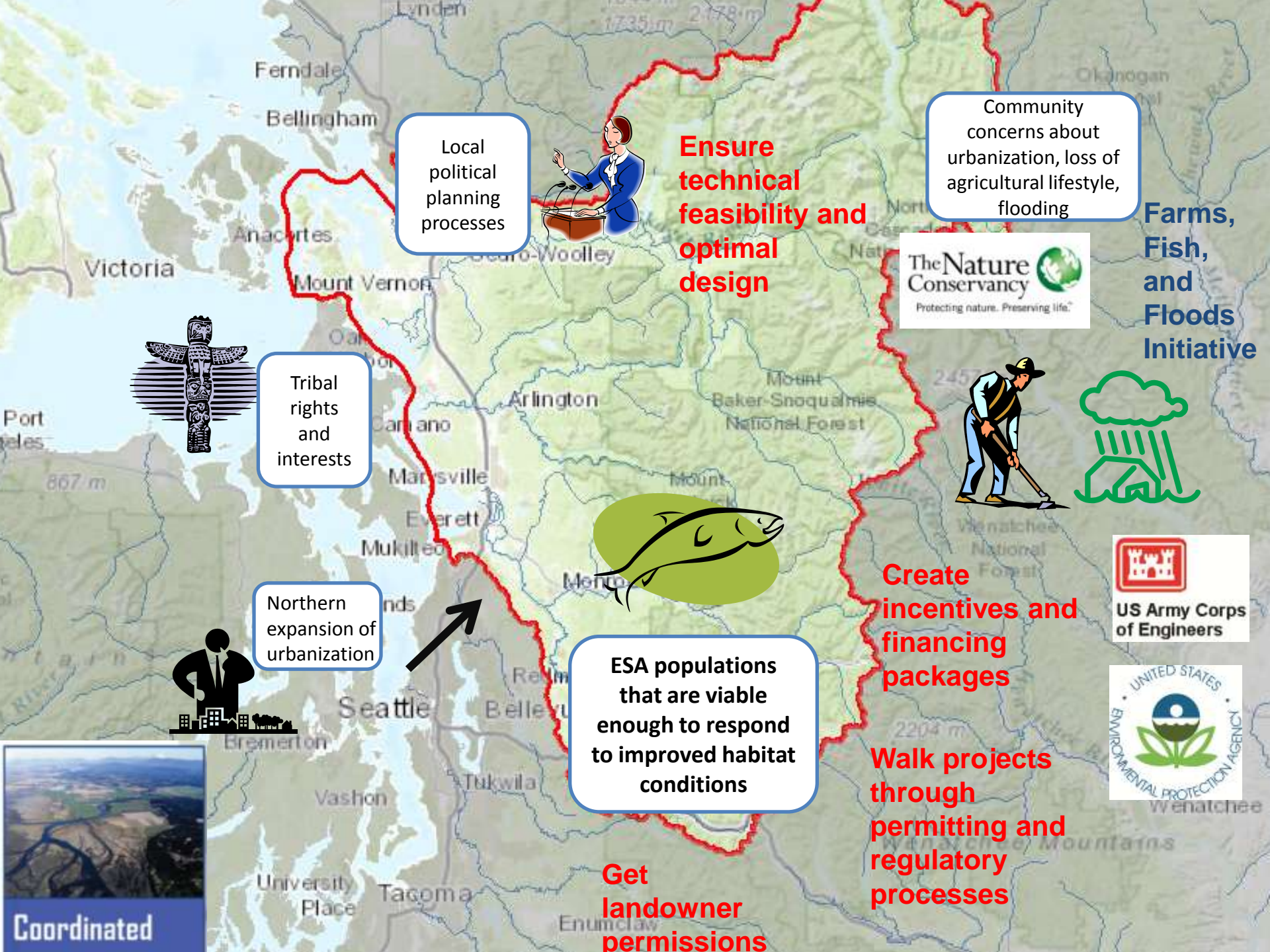
- Leadership
 - established by NOAA Leadership (AS/CM)
 - co-chairs in NOS and NMFS
- Four Themes
 - Place-based and Collaborative Conservation
 - Habitat Policy
 - Habitat Science
 - Strategic Partnerships
- Ensure that NOAA is well positioned to address key challenges over the coming years.



Puget Sound: Coordinated Investment Strategy



- Support projects, programs, monitoring, and research that provide mutually supporting, multiple environmental benefits for Puget Sound.
- Increase coordination between interests.
- Better alignment and leverage of state and federal authorities, and better coordination among funders.
- Reduce project sponsors' administrative burdens
- Achieve benefits that are greater than the sum of the parts.
- Focus on measureable outcomes.





Port Susan Fish, Farm, and Flood Management





NOAA Coordination & Views



- Coordination with:
 - *All Line Offices and PPI through NOAA Habitat Conservation Team*



Summary



- Restoration for Fisheries & Non-Fisheries Objectives
 - *NOAA will continue to support restoration projects and monitoring efforts to demonstrate the role of restoration in achieving our goals for community, economic, and ecological resilience.*
 - *Place-based efforts like the Blueprint are helping us scale our projects to our objectives.*
 - *The current NOAA leadership and program structure provide the organizational support we need for our restoration programs.*
- Availability of Monitoring and Evaluation information
 - *NOAA will consider how monitoring information can be shared beyond the current practices.*
- Leveraging our Capabilities to Maximize our Impact on Coastal Restoration
 - *NOAA will continue to foster partnerships that help us achieve our goals.*



Desired Outcome

- *Informational – Does not require an SAB response*



THANK YOU